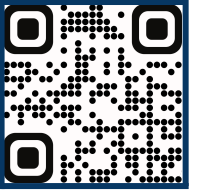




# Rudraneel Bhattacharya

Web Developer | Writer | Linux & PC  
Hardware Enthusiast | Cat Daddy



English | Bengali | Hindi  
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## EDUCATION

**BTech [Electronics And Communications Engineering]** - Netaji Subhash Engineering College, MAKAUT, Kolkata, WB, India

[AUGUST 2023] CGPA / DGPA - 09.27

**Higher Secondary [12th Grade] [CBSE]** - DAV Public School, Kolkata, WB, India

[MARCH 2018] Average - 76.40%

**Secondary [10th Grade] [CBSE]** - DAV Public School, Kolkata, WB, India

[MARCH 2016] CGPA - 08.60

## EXPERIENCE / PROJECTS

- [Jul 2023+] **Web Developer & Designer - [aecho.ai]**
  - Responsible For Creating, Maintaining, And Developing A Bleeding Edge AI-Based Tonal Analysis Tool Using With A Diverse & Global Team.
  - Technologies Used: [Astro][Tailwind CSS][Typescript][Cloudflare][Git/GitHub][NPM][Canva][Figma][Bootstrap Studio]
- [Personal Startup] [CUTSPay] **Offline Digital Payment Platform**
  - Digital Offline Transaction System, Funded By College. Uses NFC Technology To Enable Transactions Using Metro Card Like Tokens And A Card Reader Like Device On The Merchant End. Won Multiple Awards. Currently Working On Pilot Run.
  - Technologies Used: [Bootstrap5][Javascript][NPM][Firebase Hosting & Storage][Git/GitHub]
- [Personal Startup] [vivus.] **Waste Fabric Upcycling**
  - Aimed At Tackling The Global Waste Market In Like With Hult Foundation's SDGs. Currently Under Development.
  - Hult Prize 2023 Semifinalist At Monterrey City, Mexico.
- [Personal Portfolio / Site] [The Rickety Tavern]
  - A Small Homepage For All The Stuff I Do, From Blogs To Links To Other Projects.
  - Technologies Used: [HTML][CSS][Javascript][Git/GitHub][Netlify][Firebase Store & API]
- [C++ Library] [ext-io.h]
  - C++ Library To Add CLI-Based I/O Functions Present In Other Higher Level Languages Such As Java Or Python With Complete Documentation.
  - Technologies Used: [C++][Git/GitHub]
- [Team Management] [Event Management]
  - Lead Large And Diverse Teams Of Students And Volunteers To Organize Multiple Technical Fests, Bring In Sponsors, Celebrities, And Guests Alike Along With Having Hosted A Diverse Set Of Events.

## TOOLS / SKILLS

- **Web Development**
  - Front End : [CSS][Bootstrap5][Tailwind]
  - Back End : [NodeJS][NPM]
  - Languages : [Javascript][Typescript][PHP]
  - Frameworks : [Astro][Jekyll][React]
  - Tools : [Cloudflare][Netlify][Firebase]
- **Programming Languages / DBMS**
  - Python : [Django][Numpy][Pandas][PySimpleGUI]
  - C++ : [QtFramework]
  - Databases : [Firebase][MongoDB][Apache]
- **PC Hardware And Assembly / Networks**
  - Experience With Building And Maintaining PCs And Laptops.
  - Network Planning, Routing, Setups, & Maintenance.
- **Linux System Administration / DevOps**
  - Linux System Management, PC Management, and Maintenance.
  - BASH Scripting, Task Automation.
  - Server Management / System Monitoring Tools.
- **Git / GitHub, Website Deployment And Management**
  - CLI with GIT (Native / GitBASH).
  - GUI and GitHub website.
  - Netlify, GitHub Pages, Firebase Hosting, Cloudflare Pages.
- **Soft Skills / Misc**
  - Public Speaking, Debates, Event Hosting.
  - Event Management, Budgeting, and Finances For Events.
  - Content Writing, Content Creation.

## **POSITIONS OF RESPONSIBILITY**

- **Senior Advisor, GNX** - Free & Open Source Software Society, NSEC, 2022-23
- **Vice President & Registrar, Phoenix** - Official Tech Club, NSEC, 2022-23
- **Treasurer & IT Specialist, Entrepreneurship & Development Cell** - IIC, NSEC, 2022-23
- **Content Creation Lead, ZEnER 2022**, ECE, NSEC, 2021-22
- **Educator, Linux, Git / GitHub, And Developer Tools**, 2021-22

## **ACHIEVEMENTS**

- **International Semi-Finalist** - Hult Prize, Mexico, 2023
  - **Campus Finalist** - Kavach Security And IT BPlan, 2023
  - **All India 3rd Place** - IIT-KGP KTJ BPlan, 2023
  - **Campus Winner** - Hult Prize, 2023
  - **Joint Campus Winner** - ESummit BPlan 2023
  - **Winner** - IEEE Hackathon, USA, 2022/23
  - **Campus Winner** - Smart India Hackathon 2022
  - **Campus Winner** - Innovase, NSEC, BPlan Competition, 2022
  - **RO16** - Khsjitij IIT, BPlan Competition, IIT KGP, 2022
  - **Rotaract Brain Brawl Winner** - Debate Competition, Intra College, 2021
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